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現職

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研究專長

- 1.呼吸生理·運動呼吸生理
- 2.肺功能檢測·運動心肺功能檢測之臨床應用與研究
- 3.結核病 (Tuberculosis)·肺感染症 (Pneumonia, Influenza)
- 4.呼吸道疾病 (COPD, Asthma)
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經歷

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嘉義長庚醫院藥事委員會主席
嘉義長庚醫院加護病房管理委員會主席
美國科羅拉多州立大學微生物學系分枝桿菌實驗室研究員

研究計畫

科技部

1. The antibody response and opsonophagocytosis activity after vaccination with

13-valent pneumococcal conjugate vaccine in persons with and without chronic renal failure (2013-/08~2015/07)

長庚醫學研究計畫

1. Prospective cohort study of etiology of COPD exacerbations
2. QuantiFERON Gold test in the diagnosis of TB infection in health-care workers with unprotected exposure to infectious TB patients.
3. 使用呼吸器患者呼吸道不動桿菌殖生及感染以及封閉式抽痰方式對減少其院內傳染之效度分析

近五年著作

1. Hsieh MJ, Chen NH, Cheng SL, Tao CW, Wei YF, Wu YK, Chan MC, Liu SF, Hsu WH, Yang TM, Lin MS, Liu CL, Kuo PH, Tsai YH. Comparing Clinical Outcomes of Tiotropium/Olodaterol, Umeclidinium/Vilanterol, and Indacaterol/Glycopyrronium Fixed-Dose Combination Therapy in Patients with Chronic Obstructive Pulmonary Disease in Taiwan: A Multicenter Cohort Study. *International Journal of Chronic Obstructive Pulmonary Disease* 2022;17:967–976.
 2. Ming-Lung Chuang *, Chin-Feng Tsai, Kwo-Chang Ueng, Jui-Hung Weng, Ming-Fong Tsai, Chien-Hsien Lo, Gang-Bin Chen, Sung-Kien Sia, Yao-Tsung Chuang, Tzu-Chin Wu, Pan-Fu Kao, Meng-Jer Hsieh *. The Impact of Oxygen Pulse and its Curve Patterns on Male Patients with Heart Failure, Chronic Obstructive Pulmonary Disease, and Healthy Controls – ejection fractions, related factors and outcomes. *J. Pers. Med.* 2022, 12, 703. <https://doi.org/10.3390/jpm12050703> (* Co-corresponding author)
 3. Chang WJ, Wang HY, Huang YC, Lin CY, Leu SW, Hsieh MJ, Huang CC. Outcomes of Herpes Simplex Virus Pneumonitis in Critically Ill Patients. *Viruses*. 2022 Jan 21;14(2):205. doi: 10.3390/v14020205. PMID: 35215799; PMCID: PMC8876614.
 4. Chuang MC, Yang YH, Hsieh MJ, Lin YC, Yang TM, Chen PC, Hung MS. The association of aspirin use with overall survival of patients with inoperable non-small cell lung cancer: a retrospective study. *BMC Cancer*. 2021 Nov 22;21(1):1257. doi: 10.1186/s12885-021-08999-8. PMID: 34809588; PMCID: PMC8607685.
 5. Chuang LP, Hsieh MJ, Chen NH, Hu HC, Yang CT, Tsai YH, Lin SW. Total Sleep Time in the Taiwan Obstructive Lung Disease Cohort. *Int J Environ Res Public Health*. 2021 Jul 2;18(13):7080. doi: 10.3390/ijerph18137080. PMID: 34281018; PMCID: PMC8296961.
 6. Hsieh MJ, Huang YW, Tsai YH, Feng JY, Su WJ. Improved appropriateness of anti-tuberculosis prescription by the expert prescription review program in Taiwan.
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7. Lin CM, Yang TM, Yang YH, Tsai YH, Lee CP, Chen PC, Chen WC, Hsieh MJ. Statin Use and the Risk of Subsequent Hospitalized Exacerbations in COPD Patients with Frequent Exacerbations. *Int J Chron Obstruct Pulmon Dis.* 2020;15:289-299 (Corresponding author)
 8. Chuang MC, Juan YH, Lee KF, Hsieh MJ. Tracheobronchial Calcification in a Dialysis Patient with Metastatic Pulmonary Calcification. *Qjm.* 2020. (Corresponding author)
 9. Lin CK, Yang YH, Lu ML, et al. Incidence of nontuberculous mycobacterial disease and coinfection with tuberculosis in a tuberculosis-endemic region: A population-based retrospective cohort study. *Medicine (Baltimore).* 2020;99(52):e23775.
 10. Fang YH, Hsieh MJ, Hung MS, Lin YC, Kuo LT, Lu ML, Tzang BS, Chen VCH. Low Concentrations of Dehydroepiandrosterone Sulfate are Associated with Depression and Fatigue in Patients with Non-Small-Cell Lung Cancer After Chemotherapy. *Neuropsychiatr Dis Treat.* 2020;16:2103-2109 <https://doi.org/10.2147/NDT.S265182>
 11. Li SH, Hsieh MJ, Lin SW, et al. Outcomes of severe H1N1 pneumoniae: A retrospective study at intensive care units. *J Formos Med Assoc.* 2020;119(1 Pt 1):26-33.
 12. Lung J, Hung MS, Lin YC, et al. A highly sensitive and specific real-time quantitative PCR for BRAF V600E/K mutation screening. *Scientific reports.* 2020;10(1):16943.
 13. Fang TP, Chen YH, Hsiao HF, et al. Effect of high flow nasal cannula on peripheral muscle oxygenation and hemodynamic during paddling exercise in patients with chronic obstructive pulmonary disease: a randomized controlled trial. *Ann Transl Med.* 2020;8(6):280.
 14. Hsieh MJ, Hu HC, Kao KC, et al. The Risk of Latent Tuberculosis Infection in Respiratory Therapists in a Country with Intermediate Incidence. *Respir Care.* 2019;64(3):313-320.
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 17. Chuang ML, Lin IF, Hsieh MJ. More Impaired Dynamic Ventilatory Muscle
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